

## Fecal Swab Collection and Preservation System Product # 45670

## Product Insert

**Norgen's Fecal Swab Collection and Preservation System provides a rapid and simple method for the collection, preservation and shipping of stool samples.**

### INTENDED USE:

Norgen's Fecal Swab Collection and Preservation System is designed for collection, ambient storage and transport of nucleic acids from stool specimens. The Fecal Swab Collection and Preservation System tubes contain Norgen's Stool Preservative in a liquid format. The user simply collects the specimen using the provided swab, and then transfers the swab into the Stool Preservative. The Stool Preservative prevents the growth of Gram-negative and Gram-positive bacteria and fungi, and also inactivates viruses allowing the resulting non-infectious samples to be handled and shipped safely. In addition, the Stool Preservative eliminates the need to immediately process or freeze samples and allows the samples to be shipped to centralized testing facilities at ambient temperatures. The components of the Stool Preservative allow samples to be stored at room temperature for over 2 years for DNA and 7 days for RNA. To extend the stool RNA stability in the preservative, storage at -20°C or -70°C is recommended upon arrival at the testing facilities until RNA purification.

### NUCLEIC ACID ISOLATION FROM PRESERVATIVE

Stool samples collected and preserved using Norgen's Fecal Swab Collection and Preservation System are compatible with most DNA and RNA isolation methods. Samples stored in the tubes have been used successfully with all of Norgen Biotek's stool-based DNA and RNA isolation kits and reagents.

### Specifications

| Kit Specifications                                   |                                    |
|------------------------------------------------------|------------------------------------|
| Stability of Stool Nucleic Acids at Room Temperature | 2 years for DNA<br>7 days for RNA* |

\* The RNA stability will be vary depending on the samples

### Advantages

- No need to immediately process samples
- Nucleic acid preservation at room temperature over 2 years for DNA and 7 days for RNA
- Ship stool samples at room temperature safely
- Compatible with most DNA/RNA isolation methods

### Kit Components

| Component                                     | Product # 45670 |
|-----------------------------------------------|-----------------|
| Fecal Swab Collection and Preservation System | 50              |
| Product Insert                                | 1               |

### Storage Conditions and Product Stability

The Fecal Swab Collection and Preservation System can be stored at room temperature for up to 2 years without any reduction in kit performance. The expiry date is written on each pouch and the box label.

### Disclaimers and Satisfaction Guarantee

This kit is designed for research purposes only. It is not intended for diagnostic use.

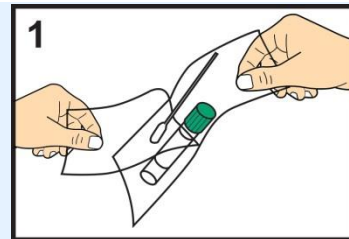
NORGEN BIOTEK CORPORATION guarantees the performance of all products in the manner described in our product manual. The customer must determine the suitability of the product for its particular use. We reserve the right to change, alter, or modify any product to enhance its performance and design.

### Warnings and Precautions

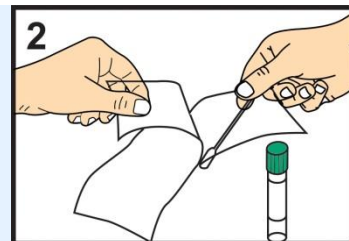
If any of the Stool Preservative comes into contact with skin or eyes, wash thoroughly with water. Do not ingest the Stool Preservative. Stool of all human and animal subjects is considered potentially infectious. All necessary precautions recommended by the appropriate authorities in the country of use should be taken when working with stool. Dispose of human specimens according to local, provincial or federal regulations.

## Procedure

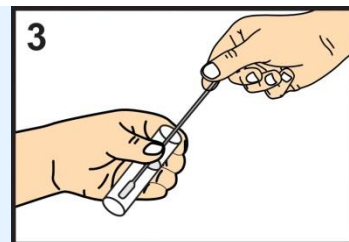
1. Peel open the pouch from the side marked with the arrow. Remove the swab and the vial from the pouch. **Do not touch the swab tip.**



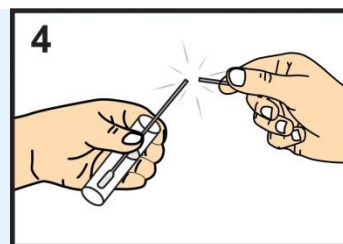
2. Collect the specimen from the patient.



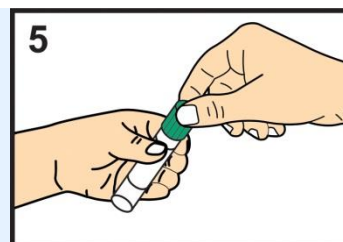
3. Using the appropriate aseptic technique, remove the vial cap and insert the swab into the vial.



4. Break the swab shaft at the score point.



5. Replace the vial cap, securing tightly. Record patient information in the space provided on the vial label. Transport the specimen to the laboratory.



Samples can be shipped to the lab for analysis using Norgen's Shipping Accessories (50 Mailers - Cat# 38300). Norgen's Shipping Accessories provide a safe and convenient tool for shipping non-infectious biological specimens, and includes all shipping requirements in one convenient envelope, including leak-proof biohazard bags with adsorbent pads for enhanced safety. These shipping envelopes match the standards of OSHA as well as the IATA regulations.

Nucleic acids can be purified from the preserved stool sample using a number of different methods, including Norgen's stool-based sample preparation kits (please refer to Related Products table below).

| Related Products                                       | Product #    |
|--------------------------------------------------------|--------------|
| Shipping Accessories – 50 Mailers                      | 38300        |
| Stool Nucleic Acid Isolation Kit                       | 45600        |
| Stool DNA Isolation Kit                                | 27600        |
| Stool Total RNA Purification Kit                       | 49400, 49500 |
| Stool DNA Isolation Kit (Magnetic Bead System)         | 55700        |
| Stool DNA Isolation 96-Well Kit (Magnetic Bead system) | 63100        |

### Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362.

Technical support can also be obtained from our website ([www.norgenbiotech.com](http://www.norgenbiotech.com)) or through email at [techsupport@norgenbiotech.com](mailto:techsupport@norgenbiotech.com).

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